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Docket No.: LUD 5539.1 CIP  
(PATENT)

1647

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kohei Miyazono

Application No.: 09/267,963

Group Art Unit: N/A

Filed: March 12, 1999

Examiner: Not Yet Assigned

For: PROTEINS HAVING SERINE/THREONINE  
KINASE DOMAINS, CORRESPONDING  
NUCLEIC ACID MOLECULES, AND THEIR  
USE.

20/p  
J.G.J  
12/20/01

**SUPPLEMENTAL RESPONSE UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
Washington, DC 20231

Sir:

This is further to the response filed in this application on February 14, 2001. Please amend the application as follows:

**IN THE CLAIMS**

~~Please cancel claims 1-28 without prejudice.~~

Please add the following claims.

29. (New) A method for determining if a substance inhibits binding of TGF- $\beta$  to Alk-1 comprising contacting a cell that expresses an Alk-1 with said substance in the presence of TGF- $\beta$  and determining if said substance inhibits binding of TGF- $\beta$  to Alk-1.
30. (New) The method of claim 29, wherein said substance is an antibody that binds to TGF- $\beta$ .

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